

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-5 (Canceled)

Claim 6 (Currently Amended): A bag for preserving and transporting a soluble sterile product in powder form and for reconstituting in the bag a ready to use solution with a predetermined concentration of the sterile product,

the bag being of polyolefin construction;

the bag being hermetically sealed at its periphery to define a sterile closed space and having at least one port also of polyolefin construction defining a passageway having two ends that open inside and respectively outside the bag, the passageway being closed by a pierceable membrane for introduction of a solvent into the bag and respectively for withdrawal of the ready to use solution from the bag,

wherein the bag contains an amount of the sterile product in powder form adapted to give with the solvent and within the bag the reconstituted ready to use solution only partially filling a capacity of the bag[[.]], and

wherein the at least one port of the bag is plugged by a plug, the plug configured to receive a syringe port through the plug to remove the reconstituted ready to use solution from the bag.

Claim 7 (Previously Presented): A bag according to claim 6, wherein the amount of the sterile product in powder form enclosed within the bag is such that the capacity of the bag is between 1.5 and 2 times a volume of the ready to use solution with a predetermined concentration of the sterile product reconstituted in the bag.

Claim 8 (Previously Presented): A bag according to claim 6, wherein a volume of the ready to use solution reconstituted in the bag is a multiple of single doses of the ready to use solution directly usable for practical utilization.

Claim 9 (Previously Presented): A sealed bag constructed of flexible polyolefin material and configured to contain a ready to use solution reconstituted in the sealed bag by introducing within the sealed bag originally containing a dosed amount of a soluble sterile product in powder form an amount of solvent adapted to give the ready to use solution a desired concentration of the sterile product, wherein a capacity of the sealed bag is larger than a volume of the ready to use solution after the ready to use solution is reconstituted in the sealed bag.

Claim 10 (Previously Presented): A bag according to claim 9, wherein a capacity of the bag is between 1.5 and 2 times the volume of the ready to use solution reconstituted in the sealed bag.

Claim 11 (Previously Presented): A bag according to claim 9, wherein the volume of the ready to use solution reconstituted in the bag is a multiple of single doses of the ready to use solution directly usable for practical utilization.

Claim 12 (Currently Amended): A method for preparing solutions with predetermined concentrations of soluble sterile product in powder form enclosed and sealed within a sterile bag constructed of flexible polyolefin materials, comprising:  
feeding into the bag, containing a dosed amount of soluble sterile product in powder form adapted to give a solution of a predetermined concentration, an amount of solvent

adapted to reconstitute a ready to use solution with a desired concentration of the sterile product, a capacity of the bag being larger than a volume of the ready to use solution after the ready to use solution is reconstituted in the bag; and

removing from the bag the reconstituted ready to use solution in individual dose sizes.

Claim 13 (Previously Presented): A method according to claim 12, wherein the volume of the ready to use solution reconstituted in the bag is a multiple of single doses of the ready to use solution directly usable for practical utilization.

Claim 14 (Currently Amended): A method for preparing solutions with predetermined concentrations of soluble sterile product in powder form enclosed and sealed within a sterile bag constructed of flexible polyolefin materials, comprising:

feeding into the bag, containing a dosed amount of soluble sterile product in powder form adapted to give a solution of a predetermined concentration, an amount of solvent adapted to reconstitute a ready to use solution with a desired concentration of the sterile product such that the fed amount of solvent is less than a capacity of the bag; and

removing from the bag the reconstituted ready to use solution in individual dose sizes.

Claim 15 (Previously Presented): A method according to claim 14, wherein a volume of the ready to use solution reconstituted in the bag is a multiple of single doses of the ready to use solution directly usable for practical utilization.

Claim 16 (Currently Amended): A method for preparing solutions with predetermined concentrations of soluble sterile product in powder form enclosed and sealed within a sterile bag constructed of flexible polyolefin materials, the bag containing a dosed

amount of soluble sterile product in powder form adapted to give a solution of a predetermined concentration, comprising:

feeding into the bag an amount of solvent adapted to reconstitute a ready to use solution with a desired concentration of the sterile product, such that the fed amount of solvent is less than a capacity of the bag and such that a capacity of the bag is larger than a volume of the ready to use solution after the ready to use solution is reconstituted in the bag;

and

removing from the bag the reconstituted ready to use solution in individual dose sizes.

Claim 17 (Previously Presented): A method according to claim 16, wherein the volume of the ready to use solution reconstituted in the bag is a multiple of single doses of the ready to use solution directly usable for practical utilization.

Claim 18 (New): A method according to claim 14, wherein the fed amount of solvent is 2/3 to 1/2 of the capacity of the bag.

Claim 19 (New): A method according to claim 16, wherein the fed amount of solvent is 2/3 to 1/2 of the capacity of the bag.

Claim 20 (New) A method for using a sterile bag constructed of flexible polyolefin materials containing a dosed amount of soluble sterile product in powder form adapted to give a solution of a predetermined concentration, comprising:

feeding into the bag, containing a dosed amount of soluble sterile product in powder form adapted to give a solution of a predetermined concentration, an amount of solvent

adapted to reconstitute a ready to use solution with a desired concentration of the sterile product such that the fed amount of solvent is less than a capacity of the bag; and removing from the bag the reconstituted ready to use solution in individual dose sizes.

Claim 21 (New): A method according to claim 20, wherein a volume of the ready to use solution reconstituted in the bag is a multiple of single doses of the ready to use solution directly usable for practical utilization.

Claim 22 (New): A method according to claim 20, wherein the fed amount of solvent is 2/3 to 1/2 of the capacity of the bag.

Claim 23 (New): A method for using a sterile bag constructed of flexible polyolefin materials, the bag containing a dosed amount of soluble sterile product in powder form adapted to give a solution of a predetermined concentration, comprising:

feeding into the bag an amount of solvent adapted to reconstitute a ready to use solution with a desired concentration of the sterile product, such that the fed amount of solvent is less than a capacity of the bag and such that a capacity of the bag is larger than a volume of the ready to use solution after the ready to use solution is reconstituted in the bag; and

removing from the bag the reconstituted ready to use solution in individual dose sizes.

Claim 24 (New) A method according to claim 23, wherein the volume of the ready to use solution reconstituted in the bag is a multiple of single doses of the ready to use solution directly usable for practical utilization.

Claim 25 (New): A method according to claim 23, wherein the fed amount of solvent is 2/3 to 1/2 of the capacity of the bag.